

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040100572".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 09:03
S2	2	"6366316".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 09:58
S3	67	((ID or identification)adj photograph)	USPAT	OR	OFF	2007/01/17 09:06
S4	22	((ID or identification)adj photograph) same camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:07
S5	80	((ID or identification)adj photograph) same camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:07
S6	10	S5 same method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:08
S7	0	edge\$1detection same ((ID or identification)adj photograph\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:47
S8	0	edge\$1detection same ((ID or identification)adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:47
S9	3697342	edge\$1 detection same ((ID or identification)adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:48
S10	130621	S9 same ((digital or electronic) or camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:49

## EAST Search History

S11	2008	S9 same ((digital or electronic)adj camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:50
S12	845	S11 and frame and (object or figure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:50
S13	799	S12 and (background)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:02
S14	336	(ID or identification)adj photograph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:03
S15	91	S14 and ((digital or electronic) adj camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:21
S16	501	348/333.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:21
S17	0	S16 same ((id or identification)adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:22
S18	1	S16 and ((id or identification)adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:22
S19	407	S16 and (frame or outline or detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:23
S20	255	S19 and ((digital or electronic)adj camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:51

## EAST Search History

S21	134	(chroma adj key) and (extract same (object or subject or background))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:31
S22	2380	(382/199,266,268).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 12:49
S23	0	S22 and ((id or identification)adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 12:50
S24	673	(348/586-588).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 18:05
S25	46	S24 and (digital adj camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:16
S26	4	("20020171746" "20050007468" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:51
S27	4328	image near template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:52
S28	623	S27 and (digital adj camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:52
S29	560	S28 and (background or foreground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:53
S30	380	S29 and (detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 16:50

## EAST Search History

S31	4	("20060197851" "5477264").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 16:51
S32	172	("5477264").URPN.	USPAT	OR	OFF	2007/01/17 16:54
S33	21	("4500183"   "4524381"   "4574319"   "4728978"   "4853733"   "4855779"   "4994844"   "5016107"   "5018017"   "5023637"   "5027214"   "5032855"   "5070355"   "5086311"   "5103250"   "5138459"   "5142310"   "5153729"   "5155513"   "5226145"   "5262868"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/17 16:57
S34	8	("5708883" "5734794" "5906005" "60 61532" "6433784" "6434278" "660611 7" "6894686").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/17 17:30
S35	539	(template or guide or outline) same (detect\$3 adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:32
S36	17	S35 and (digital adj camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:40
S37	42479	object adj detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:40
S38	1266	S37 and digital adj camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:40
S39	1	S38 and (background near insert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:45
S40	5413125	edge\$1 detect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:45

## EAST Search History

S41	7138655	edge\$1 detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:46
S42	59239	S41 and (background same (separat\$3 or replac\$5 or insert\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:51
S43	33	S42 and (outline adj detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 17:56
S44	2	"20040051795".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 18:03
S45	1747	S41 and image adj template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 18:04
S46	0	Kim with Win-Ju.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 08:31
S47	0	Kim with (Win-Ju).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 08:31
S48	0	Kim same (Win-Ju)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 08:32
S49	10	(detection adj area) same (image near template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 08:48
S50	1510	382/199.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:39

## EAST Search History

S51	43	S50 and (image adj template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 08:49
S52	41	S51 and (area or detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 09:04
S53	434	S50 and (id or identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 09:04
S54	28	S53 and (image adj template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:16
S55	2	"6999114".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:16
S56	14	("4262301"   "4937676"   "5032911"   "5050001"   "5128773"   "5742373"   "5754305"   "5802413"   "5822637"   "5894326"   "5920298"   "5946031"   "6205294"   "6396565").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:20
S57	1284	S50 and (edge\$1 detection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:40
S58	22	S57 and (detection adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:40
S59	336	(Id or identification)adj photograph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 14:02
S60	0	("2003/0156199").URPN.	USPAT	OR	OFF	2007/01/18 12:38
S61	0	("2003/0156199").URPN.	USPAT	OR	OFF	2007/01/18 12:39
S62	485	348/207.99.ccls.	USPAT	OR	OFF	2007/01/18 12:39

## EAST Search History

S63	4	("6999113" "5923380").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 14:03
S64	0	Kim with Min-ju.xa.	USPAT	OR	OFF	2007/06/12 16:20
S65	0	Tuan-Le.xa.	USPAT	OR	OFF	2007/06/12 16:24
S66	8	Le-tuan.xa.	USPAT	OR	OFF	2007/06/12 16:24
S67	0	Kim-Min-ju.xa.	USPAT	OR	OFF	2007/06/12 16:25
S68	0	Kim with (Min-ju).xa.	USPAT	OR	OFF	2007/06/12 16:25
S69	2	"20040100572".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/12 16:30
S70	338706	Kim.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/12 16:31
S71	2	Kim near Min-Ju.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/12 16:31
S72	4	"6907136".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/12 17:19
S73	381	gradation adj difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/12 17:19
S74	201	S73 and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/12 17:23
S75	240	pixel same (gradation near difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 17:24

## EAST Search History

S76	134	pixel same (gradation adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 17:25
S77	1	S76 and ID	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 17:25
S78	37	S76 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:10
S79	2	"06319130".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 17:37
S80	2	"6366316".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 17:37
S81	3	(detect\$3 near area) same (reference near outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:11
S82	9536	(image\$1 or picture\$1) near3 template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:12
S83	2	S82 and (reference adj outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:54
S84	522	detect\$3 near3 (outline near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:15
S85	292	S84 and reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:16



## EAST Search History

S86	241	S85 and area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:16
S87	131	S86 and (frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:16
S88	17	S87 and gradat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:20
S89	17	S88 and (pixel or camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:20
S90	17	S88 and (pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:28
S91	14910	(ID or identification) same (image or picture) same (outline or frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:29
S92	996	S91 and (detect\$3 near3 area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:31
S93	39	S92 and gradat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:07
S94	4	"6907136".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 06:41
S95	12	("5012522"   "5459586"   "5715325"   "5781665"   "5859921"   "5923788"   "5960126"   "6035074"   "6266129"   "6389155"   "6526161"   "6654506").PN. OR ("6907136").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/13 06:46

## EAST Search History

S96	118	ID and (gradation near3 difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:08
S97	40	S96 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:10
S98	1369	detect\$3 with ((image or picture or frame)near3 template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:11
S99	140	S98 and (ID or indentification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:11
S10 0	92	S99 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:11
S10 1	9	S100 and gradat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:19
S10 2	6	outline same (gradation adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:21
S10 3	2	"5923380".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:42
S10 4	19707	camera with ((edge or outline)adjdetect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:43
S10 5	814	camera with ((edge or outline)adj detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:43

## EAST Search History

S10 6	0	S100 and (gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:44
S10 7	0	S105 and (gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:44
S10 8	32896	edge adj detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:45
S10 9	437	S108 and (ID with card)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:45
S11 0	310	S109 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:45
S11 1	157	S110 and template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:46
S11 2	144	S111 and edit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:46
S11 3	141	S112 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:51
S11 4	0	S113 and gradat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:47
S11 5	13590	(detect\$3 near\$3 (reference near\$3 outline))and ID	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:53

## EAST Search History

S11 6	158	detect\$3 and (reference adj outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:54
S11 7	30	detect\$3 same (reference adj outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 08:56
S11 8	12	S117 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 07:55
S11 9	7	("5933527"   "6016148"   "6046744"   "6256039"   "6381346"   "6456287"). PN. OR ("6879323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/13 08:50
S12 0	333	(edge adj detect\$3) same kernel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/13 08:52
S12 1	389	(edge adj detect\$3) same kernel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:52
S12 2	0	S121 and (gradat\$3 near3 difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:53
S12 3	105	S121 and camera and ID	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:53
S12 4	51996	"105" and template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:53
S12 5	64	S123 and template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:55

## EAST Search History

S12 6	1904	gradat\$3 near3 difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:55
S12 7	424	gradat\$3 adj difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:56
S12 8	4	(gradat\$3 adj difference) with outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:57
S12 9	424	(gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:57
S13 0	90	(gradat\$3 adj difference)same detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:57
S13 1	26	S130 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:59
S13 2	17	S131 and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 08:59
S13 3	4	"6907136".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 10:48
S13 4	2	"5923380".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 12:24
S13 5	133	pixel same (gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 12:25

## EAST Search History

S13 6	36	S135 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 12:26
S13 7	6	S136 and edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 12:26
S13 8	30	detect\$3 same (reference adj outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 08:56
S13 9	30	S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 08:59
S14 0	13725	detect\$3 near3 figure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 08:59
S14 1	1	S140 same (pixel with (gradat\$ adj difference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:01
S14 2	2866	S140 and ID	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:01
S14 3	223	S142 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:01
S14 4	55	S143 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:04
S14 5	21	S144 and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:05

## EAST Search History

S14 6	432	(detect\$3 near2 area)same (outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:06
S14 7	71	S146 and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:12
S14 8	25354	(ID or (identification))same photograph\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:13
S14 9	9571	S148 and (outline or frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:14
S15 0	593	S149 and (detect\$3 near3 area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:15
S15 1	567	S150 and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:15
S15 2	2	S150 and (background same (insert\$3 and delet\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:17
S15 3	11	S150 and (background same (insert\$3 or delet\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:17
S15 4	26	("20010050689"   "2711667"   "4276570"   "4841575"   "5933151"   "6054999"   "6611613"   "6654018"). PN. OR ("6919892").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 09:38
S15 5	90	((detect\$3 with outline)same background) and (ID or identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:40

## EAST Search History

S15 6	12	S155 and (detect\$3 adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:54
S15 7	38	S155 and (detect\$3 near4 area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:41
S15 8	82296	(id or identification) with (card or passport or driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:56
S15 9	11354	S158 and (camera or ccd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:56
S16 0	4751	S159 and photograph\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:56
S16 1	1006	S160 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:57
S16 2	567	S151 and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:57
S16 3	567	S162 and detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:58
S16 4	567	S162 and (detect\$3 near3 area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:00
S16 5	1	S164 and (gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:00



## EAST Search History

S16 6	70	S164 and template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:01
S16 7	59	S166 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:09
S16 8	21	S167 and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:01
S16 9	4247	photograph\$3 near3 (ID or identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:10
S17 0	2302	photograph\$3 near3 ((ID or identification)with card or passport or driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:10
S17 1	241	S170 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:10
S17 2	195	S171 and detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:11
S17 3	188	S172 and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:11
S17 4	164	S173 and detect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:11
S17 5	6	S173 and (detect\$3 adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:13

## EAST Search History

S17 6	390	kernel same (edge adj detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:14
S17 7	0	S176 and gradat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:14
S17 8	0	S176 and (gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:14
S17 9	200	S176 and (ID or identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:15
S18 0	139	S179 and (insert\$3 or delet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:16
S18 1	111	S180 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:18
S18 2	61223	(ID or identification)near3 (picture or image or photograph or frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:19
S18 3	13403	S182 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:20
S18 4	5800	S183 and card	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:20
S18 5	1371	S184 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:20

## EAST Search History

S18 6	244	S185 and template	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:21
S18 7	241	S186 and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:27
S18 8	269	((outline or template)same (detect\$3 with area)) and ID and (photograph or image or picture or frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:28
S18 9	221	S188 and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:29
S19 0	88	S189 and (camera)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:53
S19 1	48380	outline near3 figure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:53
S19 2	1642	S191 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:53
S19 3	525	S192 and photograph\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:54
S19 4	165	S193 and detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:54
S19 5	44	S194 and (identification or id)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:23

## EAST Search History

S19 6	318	reference adj outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:23
S19 7	42250	outline near2 figure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:23
S19 8	5	S196 and S197	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:34
S19 9	185	photograph\$3 with ((identification or id) adj (picture or image))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:35
S20 0	13	S199 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:43
S20 1	3	"6813395".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 11:43
S20 2	10	("5579471"   "5802361"   "6169998"   "6243713"   "6411953"   "6477269").PN. OR ("6813395").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 11:44
S20 3	29	("20020028071"   "20020114535"   "20020152291"   "20020191860"   "3956758"   "4317620"   "4384336"   "4423936"   "4541704"   "4605970"   "4724330"   "5091654"   "5227889"   "5345284"   "5384615"   "5486893"   "5500711"   "5511148"   "5517242"   "5666186"   "5900909"   "5978519"   "6067112"   "6289110"   "6556721"   "6671405"   "6686970"   "6728407"   "6813395").PN. OR ("7133571").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 11:59
S20 4	3964	detect\$3 with outline	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 11:59

## EAST Search History

S205	44	detect\$3 with (outline near figure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 12:00
S206	5	S205 and camera	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 13:22
S207	168	identification adj photograph	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 13:25
S208	22	tak\$3 with (identification adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 13:59
S209	21005	composite near3 image	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 13:59
S210	13095	composite adj image	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 13:59
S211	1624	S210 and Id	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 14:00
S212	3	S211 and ((ID or identification) adj photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 14:04
S213	289	(composite adj image\$1) same template	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 14:05
S214	52	S213 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 14:05
S215	21	S214 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/14 14:17
S216	4638	template near image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:17

## EAST Search History

S21 7	2082	S216 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:18
S21 8	830	S217 and identification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:18
S21 9	12	S218 and (detect\$3 with outline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:34
S22 0	1859	template with outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:34
S22 1	221	S220 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:34
S22 2	146	S221 and detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:35
S22 3	134	S222 and area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:35
S22 4	46	S223 and identification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:41
S22 5	49	(detection adj area) same outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:42
S22 6	22	S225 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:43

## EAST Search History

S22 7	20	(detection adj area) same (reference)same (outline or template)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:44
S22 8	15	S227 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:46
S22 9	238	kernel same outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:46
S23 0	206	S229 and reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 14:46
S23 1	60	S230 and identification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 15:21
S23 2	108	pixel with (gradat\$3 adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 15:21
S23 3	31	S232 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 15:31
S23 4	3	"6813395".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 15:31
S23 5	10	("5579471"   "5802361"   "6169998"   "6243713"   "6411953"   "6477269"). PN. OR ("6813395").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 15:38
S23 6	1	"5978519".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 16:47
S23 7	1	"7133571".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 16:47

## EAST Search History

S23 8	3	"6813395".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 09:55
S23 9	2	"6005977".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:12
S24 0	2184	figure adj outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:12
S24 1	5	S240 and (detection adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:26
S24 2	11911	detection adj area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:26
S24 3	3151	S242 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:26
S24 4	290	S243 and outline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:27
S24 5	273	S244 and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/18 10:27
S24 6	9	("20040047494"   "20040105672"   "6072496"   "6211903"   "6301370"   "6437808"   "6529630").PN. OR ("6885761").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 11:39